

## DC700G-CM

### Door closer with Cam-Motion® technology and integrated Close-Motion® element

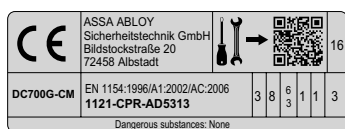


#### ASSA ABLOY DC700G-CM

- Door closer with Cam-Motion® technology, extended mounting plate and integrated Close-Motion® element for safe and noiseless closing
- The door can be pulled closed safely and quietly from an angle of  $\leq 10^\circ$
- Suitable for retrofitting on fire doors and smoke control doors and fastening using drilling template in accordance with DIN EN 1154, supplementary sheet 1:2003-11
- Suitable for fire and smoke protection doors with tamper protection
- Tested as a whole element in accordance with EN 1154, size 3-6
- For single action doors up to 1400 mm wide
- Tested according to EN 1155 and EN 1158 (CE certificates applied for)

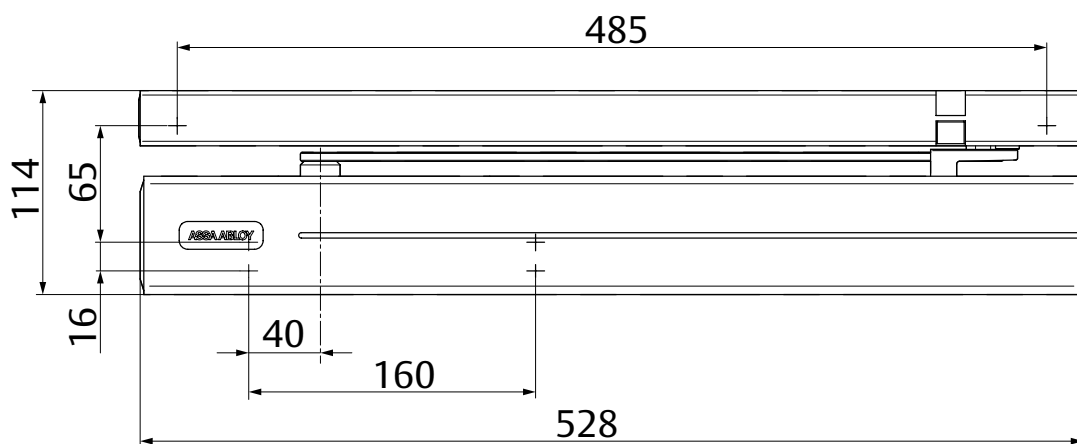
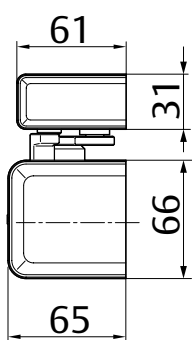
#### Characteristics of DC700G-CM

- Integrated Close-Motion® element in extended closer housing
- Close-Motion® element with horizontal and vertical adjustment
- Optional tamper protection, installation without dismantling function elements
- Standard installation on hinge side
- Can be used for left and right-handed doors
- 14 mm height adjustable arm system for ease of fitting
- Closing speed and latching speed continuously adjustable from front
- Variable adjustable closing force
- Opening angle up to  $170^\circ$
- Thermodynamic valves for consistent speed
- Standard colours: Silver EV1, stainless steel design



#### Characteristics of G150

- Close-Motion® control curve integrated in the guide rail
- Drilling template of the standard guide rails from ASSA ABLOY can be used
- Height-adjustable by 2 mm for tolerance
- Concealed fastening screws



# DC700G-CM

## Technical attributes

Closing force	Variable adjustable EN 3-6
Door width up to	1400 mm
Suitable for fire doors	Yes
Handing	Left / right handed
Mounting method	Standard installation on hinge side
Closing speed	Variable between 170°-10°
Latching speed	Variable between 10°-0°
Backcheck	Variable above 75°
Max. door opening angle hinge side	ca. 170°
Certified in compliance with	EN 1154 EN 1155* EN 1158*
CE marking for building products	Yes
Weight	5.9 kg
Dimension door closer	528 x 66 x 66 mm
Dimension guide rail	528 x 30 x 61 mm
<b>Close-Motion® unit</b>	
Support when closing	Yes
Damping when closing	Yes
Suitable for fire doors	Yes, with tamper protection
Handing	Left / right handed
Tamper protection	Left / right handed

\*CE certificate applied for

### The advantages at a glance

Project planners	<ul style="list-style-type: none"> <li>- Integrated Close-Motion® element</li> <li>- Solution for challenging door situations (e.g. interlocks)</li> <li>- Extensive range of uses</li> <li>- Compact design</li> <li>- Modern design</li> <li>- For doors with a door width up to 1400 mm</li> </ul>
Builders	<ul style="list-style-type: none"> <li>- Suitable for retrofitting using drilling template in accordance with DIN EN 1154, supplementary sheet 1</li> <li>- Pre-assembled component modules for quick and easy installation</li> <li>- Can be used for left and right handed doors for standard mounting on hinge side</li> <li>- For doors with a door width up to 1400 mm</li> </ul>
Trade	
User	<ul style="list-style-type: none"> <li>- The door can be closed safely and silently</li> <li>- Minimized danger of fingers being crushed when the door closes</li> <li>- Optional: Tamper protection to prevent blocking of functional elements</li> </ul>

Our service for you: here you can see the individual advantages of our door closer models for your respective field of business.

You can find the complete specification on the internet at: [www.assaabloy.co.za](http://www.assaabloy.co.za)

### Specifications DC700G-CM

ASSA ABLOY door closer with Cam-Motion® technology, extended mounting plate and integrated Close-Motion® element; guide rail with Close-Motion® control curve.

- Closing power adjustable, EN size 3-6, for doors up to 1400 mm wide
- Door closer DC700 tested in accordance with DIN EN 1154, with CE mark
- Closing speed, latching speed and backcheck continuously adjustable
- 14 mm height adjustable arm system for ease of fitting
- Suitable for fire and smoke protection doors
- Suitable for left and right handed doors
- Close-Motion® element horizontal (± 6mm) and vertical (± 5 mm) adjustable

### Accessories:

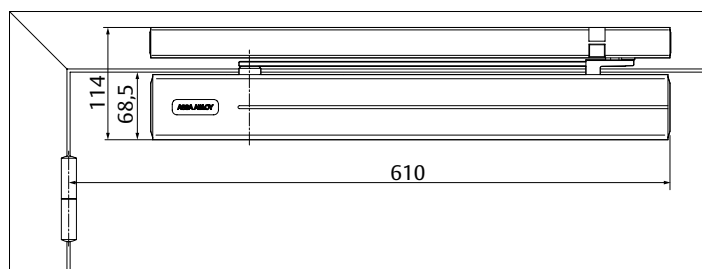
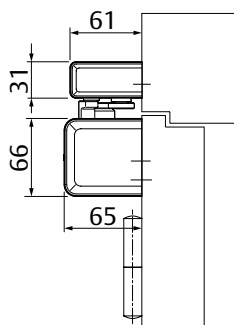
- ☐ Mounting plate A131
- ☐ Mechanical opening damper A188
- ☐ Mech. hold-open device A158 (not for fire and smoke protection doors)
- ☐ Tamper protection M220 / M225
- ☐ Adapter plate A230 / A240 / A250 / A260

### Colour:

- ☐ Silver EV1
- ☐ Stainless steel design

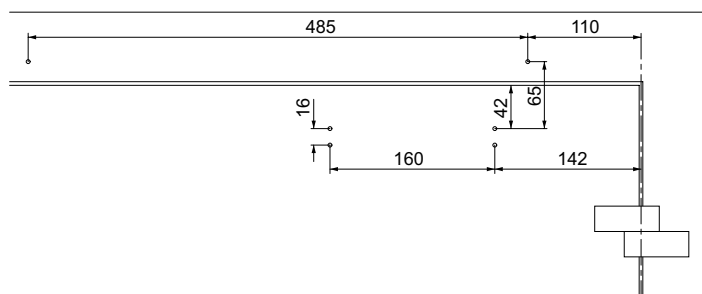
## DC700G-CM

### Dimensional drawings and accessories



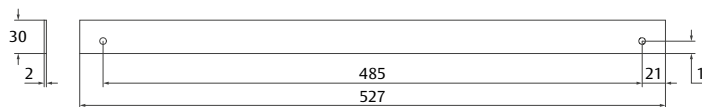
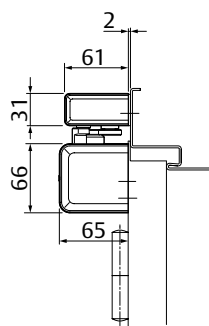
Space required on doors for standard installation on hinge side

Left handed door shown in diagram  
Right handed door is the reverse



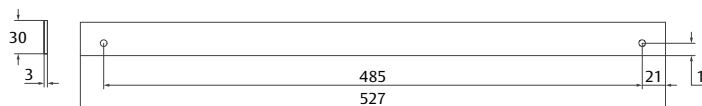
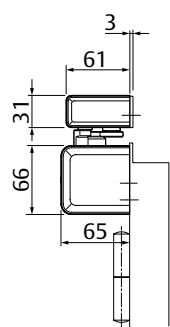
Installation dimensions for direct standard mounting on hinge side

Right handed door shown in diagram  
Left handed door is the reverse



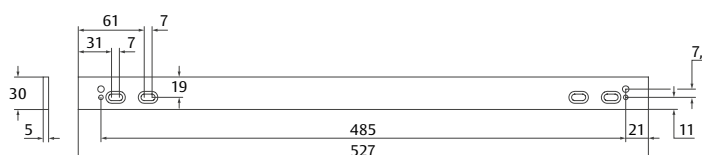
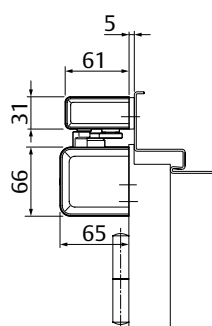
Adapter plate A230 / 2 mm

For mounting the guide rail to rabated doors  
Combination with A240, A250, A260 possible



Adapter plate A240 / 3 mm

For mounting the guide rail to rabated doors  
Combination with A230, A250, A260 possible

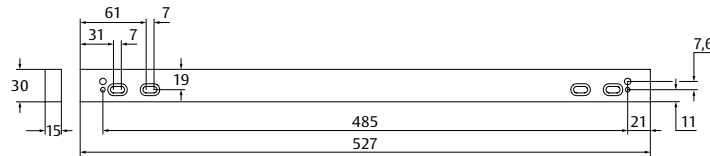
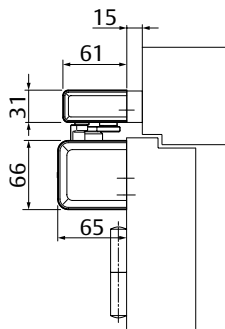


Adapter plate A250 / 5 mm

For mounting the guide rail to rabated doors  
Combination with A230, A240, A260 possible

## DC700G-CM

### Accessories and order placement information



#### Adapter plate A260 / 15 mm

For mounting the guide rail to rabated doors  
Combination with A230, A240, A250 possible

#### Mechanical Hold-Open Device A158

Mechanical hold-open device for temporarily holding doors open  
Doors held open at an opening angle of 130° hinge side  
Continuously adjustable holding force  
Not approved for use on fire and smoke protection doors



#### Opening damper A188

Helps to prevent the door and door handle from hitting a return wall.  
Simple installation in the guide rail, but doesn't replace the need for a door stop

